

FY - 1982
Annual Report Narrative
Hagerman National Fish Hatchery

I. Introduction

The Hagerman National Fish Hatchery is located on the Snake River 100 miles southeast of Boise. The primary objective is the rearing of anadromous fish for the Lower Snake River Compensation Plan (LSRCP). Snake River fall chinook salmon are reared for the "egg bank" program to augment the number of available eggs for the recently completed LSRCP Lyons Ferry, WA hatchery. Steelhead are reared under the LSRCP for release in Idaho's upper Salmon River drainage.

II. Station Operations

Production facilities consist of forty-eight 8'x70' raceways, twenty 8'x80' raceways and forty-six 3'x15' fry rearing tanks. A series of springs and seeps supply the water for the hatchery which varies from 62 cfs available during the irrigation season (March 15-October 1) to 71 cfs during the non-irrigation season (October 2-March 14). Water temperature is constant at 59°F throughout the year.

1. Total expenditures \$390,726 (1300)(174,866 labor, 90,797 feed, 125,063 other).

Total cost to produce a pound of fish was \$1.44.

2. Hatchery staff		Man Days
Hatchery Manager	Bruhn PFT	260
Asst. Manager	Shaw PFT	260
Clerk-Typist	Martindale PPT	185
Fishery Biologist	Pruitt PFT	260
Animal Caretaker	Hoffman PFT	260
Motor Vehicle Operator	Jacobson PFT	260
Maintenance Worker	Moats PFT	246
Temporary	Money	130

Production of 37,803 pounds per man year.

III. Fish Culture Operations

This year's production of 270,674 pounds of fish was the highest on record for Hagerman Hatchery since production started in 1933. No major disease problems occurred during the year, although the reoccurring slight increase in mortality for the "B" strain steelhead did surface in the late winter months. Distribution was a large part of the hatchery operation and consisted of 141 trips and 44,252 miles in three trucks.

	Distribution	Number	Pounds	Location
FY 1982	Steelhead trout	624,673	213,612	Salmon River
	Fall chinook salmon	704,583	13,833	S Snake River
	Rainbow trout	657,186	51,151	Idaho, Nevada
	Cutthroat trout	40,941	600	Nevada
	Total	2,027,383	279,196	

FY 1981	Steelhead trout	1,093,412	183,237	Salmon & Snake Rivers
	Fall chinook salmon	181,291	3,705	Snake River
	Rainbow trout	578,799	47,791	Idaho, Nevada
	Total	1,853,502	234,733	
FY 1980	Steelhead trout	456,673	85,790	Salmon River
	Fall chinook salmon	225,863	4,625	Snake River
	Rainbow trout	1,177,941	117,294	Idaho, Nevada
	Total	1,860,477	207,709	
FY 1979	Steelhead trout	426,226	91,094	Salmon River
	Fall chinook salmon	139,000	1,262	Snake River
	Rainbow trout	949,889	143,536	Idaho, Nevada
	Total	1,515,115	235,892	
FY 1978	Steelhead trout	112,500	750	Salmon River
	Fall chinook salmon	102,790	4,450	Snake River
	Rainbow trout	2,006,110	182,598	Idaho, Nevada
	Total	2,221,400	187,798	

IV. Cooperation With Other Agencies

The production and tagging programs for steelhead and fall chinook salmon involve working relationships with Idaho Department of Fish and Game, the Corps of Engineers and the Co-op Fishery Unit at the University of Idaho. Local contact is maintained with Hagerman and Niagara Springs State Fish Hatcheries. We have a working relationship with the Hagerman Field Station of the Tunison Laboratory of Fish Nutrition located adjacent to the hatchery. The current hatchery expansion has developed into daily coordination with the construction division of the Corps of Engineers and Coast Marine Construction Company.

V. Cyclical Maintenance and Rehabilitation Projects

The hatchery is currently being expanded by the Walla Walla District, Corps of Engineers as a part of the Lower Snake River Compensation Plan. Coast Marine Construction Company, Portland, Oregon is the general contractor for this \$5.8 million project. Major items in the expansion include 78 new raceways, pollution abatement ponds for production facilities, combination hatchery-feed storage building, combination administration-visitor center building and numerous pipeline and water collection structures. Piping and fittings for a future hydro generator is also being constructed. The completion schedule is as follows: Hatchery building - May 15, 1983, Sedimentation pond and water collection structures - June 15, 1983, Raceways - July 1, 1983, Administration building - November 1, 1983 and all other work - July 15, 1984.

VI. IR Program Highlights

In conjunction with the hatchery expansion, an interpretative kiosk and self-guiding tour consisting of information signs and displays have been designed. The scheduled completion date is in conjunction with the landscaping of the expanded facilities in late 1983 or early 1984.

The hatchery has been closed to the public during construction; greatly reducing our usual number of visitors.

Bureau of Sport Fisheries and Wildlife
Division of Fish Hatcheries

HATCHERY PRODUCTION SUMMARY

Station

Hagerman National Fish Hatchery

Period covered
Oct. 1, 1981 through Sept. 30, 1982

Density Index				Flow Index				Total Flow					
0.122				0.387				12,712					
Species and Lot	FISH ON HAND END OF MONTH			FISH SHIPPED THIS F.Y. Number	GAIN THIS F.Y. Weight	FISH FEED EXPENDED		Conversion	UNIT FEED COST		T.U. per Inch	T.U. to Date	Length Increase 30 day month Inches
	Number	Weight	Length			Pounds	Cost		Per lb.	Per 1000			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
RBT													
1-YCA-86	0	0	13.450	11.3	2,545	4,244	867.36	1.67	0.34	210.77	11.60	147.00	0.000
STT													
1-YID-88	0	0	9.025	64.3	12,831	22,087	5,141.72	1.72	0.40	86.33	19.41	156.00	0.884
STT													
1-YID-89	0	0	10.713	420.6	167,801	232,245	53,193.38	1.38	0.32	118.84	16.49	161.50	0.382
STT													
1-DW-90	0	0	7.829	52.4	6,993	13,070	3,245.65	1.87	0.46	65.93	22.59	154.00	1.783
RBT													
1-WS-91	0	0	10.196	53.2	21,785	32,383	6,948.39	1.49	0.32	135.16	13.25	136.50	0.000
RBT													
1-EN-92	0	0	10.663	85.5	16,034	24,526	5,246.07	1.53	0.33	158.59	13.27	130.00	0.000
FCS													
1-DS-93	0	0	4.2666	477.4	10,855	14,390	5,416.98	1.33	0.50	11.15	25.34	71.00	0.276
RBT													
2-YCA-94	3.1	853	8.868	507.2	6,358	8,530	2,276.86	1.34	0.36	100.07	10.51	84.00	1.816
STT													
2-UID-95	382.1	11,896	4.4576	45.1	12,756	14,421	4,252.83	1.13	0.33	10.27	19.91	70.00	0.910
TOTALS													
AVERAGES													

